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RECEIVED 21 November 2023

ACCEPTED 28 November 2023

PUBLISHED 05 December 2023

CITATION

Bikia V, Lazaroska M, Scherrer Ma D,
Zhao M, Rovas G, Pagoulatou S and
Stergiopoulos N (2023), Corrigendum:
Estimation of left ventricular end-systolic
elastance from brachial pressure
waveform via deep learning.
Front. Bioeng. Biotechnol. 11:1341852.
doi: 10.3389/fbioe.2023.1341852

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Corrigendum: Estimation of left ventricular end-systolic elastance from brachial pressure waveform via deep learning

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KEYWORDS

cardiac monitoring, convolution neural networks, cardiovascular modelling, non-invasive, contractility

A Corrigendum

Estimation of left ventricular end-systolic elastance from brachial pressure waveform via deep learning

by Bikia V, Lazaroska M, Scherrer Ma D, Zhao M, Rovas G, Pagoulatou S and Stergiopoulos N (2021). *Front. Bioeng. Biotechnol.* 9:754003. doi: 10.3389/fbioe.2021.754003

In the published article, there was an error. Wrong numbers have been used for the data train/validation/test split.

A correction has been made to the section **Material and Methods**, *Data Pre-processing*, Paragraph 1. This sentence previously stated:

“The train/validation/test split was set to be 60% (2,290 cases)/20% (764 cases)/20% (764 cases). By computing the MSE with decreasing training size, we noticed that similar results can also be achieved with fewer samples (e.g., 1,603) and, therefore, we may deduce that a training size of 2,290 is sufficient.”

The corrected sentence appears below:

“The train/validation/test split was set to be 60% (2,248 cases)/20% (750 cases)/20% (750 cases). By computing the MSE with decreasing training size, we noticed that similar results can be achieved with fewer samples (e.g., 1,603) and, therefore, we may deduce that a training size of 2,248 is sufficient.”

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

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